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International Cosmetic Ingredient Dictionary and Handbook

Eleventh Edition
2006

Volume 2

INCI Name Monographs I-S

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NO. 2145 P. 3

International Cosmetic Ingredient Dictionary and Handbook

**Eleventh Edition
2006**

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Volume 2

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NO. 2145 P. 4

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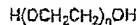
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Macrogol 1000 (NOF)
 Pluracol E 1000 (BASF)
 Polyglykol 1000 (Clariant)
 Polyglykol 1000 (Clariant GmbH, Personal Care)
 Renex PEG 1000 (Uniqema Americas)
 Sabopeg 1000 (Sabo)
 Toho PEG#1000 (Toho)
 Unipeg-1000 X (Universal Preserv-A-Chem)
 Upiwax 1000 (Universal Preserv-A-Chem)

Trade Name Mixtures:

Silwax VS (Siltech LLC)
 Suncaps 664 (Particle Sciences)
 Suncaps 903 (Particle Sciences)

PEG-32**CTFA Monograph ID:** 1955**CAS No.:** 25322-68-3 (Generic)**JPN Translation:**
PEG - 32**CN Translation:**
聚乙二醇-32**Definition:** PEG-32 is the polymer of ethylene oxide that conforms generally to the formula:

where n has an average value of 32.

Information Sources: BAN, BP, BPC, 21CFR172.210, 21CFR172.770, 21CFR172.820, 21CFR173.310, 21CFR173.340, 21CFR176.105, 21CFR176.300, 21CFR178.3750, 21CFR178.3910, CIR: [SQ] JACT-12(5)-1993, CTFA S, CZE, FCC, HUN, INN, JAN, JCIC, JCL, JSQI, MAR, MI-13(7651), NF XVIII, TSCA, USAN, USD.**Chemical Classes:** Alkoxylated Alcohols; Polymeric Ethers**Functions:** Binder; Humectant; Solvent**Ingredient Source:** Synthetic**Reported Product Categories:** Bath Oils, Tablets, and Salts; Moisturizing Preparations; Cleansing Products (Cold Creams, Cleansing Lotions, Liquids and Pads); Bath Capsules; Skin Care Preparations, Misc.; Dentifrices (Aerosol, Liquid, Pastes and Powders); Bath Preparations, Misc.; Body and Hand Preparations (Excluding Shaving Preparations); Face and Neck Preparations (Excluding Shaving Preparations); Paste Masks (Mud Packs); Mascara**Technical/Other Names:**

macrogol (INN)
 Polyethylene Glycol 1540
 Polyoxyethylene (32)

Trade Names:

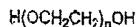
Carbowax PEG 1450 (Dow Chemical)
 Jeechem 1450 NF (Jeilice Co. LTD)
 Lipo Polyglycol 1500 (Lipo)
 Lipo Polyglycol 3350 (Lipo)
 Lipoxol 1500 MED (Sasol GmbH - Marl)
 Lumulse PEG 1450 (Lambert)
 Macrogol 1500 (NOF)
 Macrogol 1540 (NOF)
 Pluracare E 1500 (BASF)
 Pluracol E 1450 (BASF)
 Polyglycol E1450 (Dow Chemical)
 Polyglykol 1500 (Clariant)
 Polyglykol 1500 (Clariant GmbH, Personal Care)
 Protachem 1450 NF (Protameen)
 Renex PEG 1500 (Uniqema Americas)
 Sabopeg 1500 (Sabo)
 Sympatens-PEG/1500 G (Kolb)
 Toho PEG#1540 (Toho)
 Unipeg-1540 X (Universal Preserv-A-Chem)

Trade Name Mixtures:

Carbowax PEG 540 Blend (Dow Chemical)
 Lanogen 1500 (Clariant)
 Lanogen 1500 (Clariant GmbH, Personal Care)
 Swertiajan-P (Ichimaru Pharcos)
 Unipeg-1500 X (Universal Preserv-A-Chem)
 Uniwax 1450 (Universal Preserv-A-Chem)

CN Translation:

聚乙二醇-40

Definition: PEG-40 is the polymer of ethylene oxide that conforms generally to the formula:

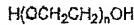
where n has an average value of 40.

Information Sources: BAN, 21CFR172.210, 21CFR172.770, 21CFR172.820, 21CFR173.310, 21CFR173.340, 21CFR176.105, 21CFR175.300, 21CFR176.200, 21CFR178.3750, 21CFR178.3910, INN, JAN, JCIC, JCL, MI-13(7651), NF XVIII, ROM, TSCA, USAN**Chemical Classes:** Alkoxylated Alcohols; Polymeric Ethers**Functions:** Binder; Humectant; Solvent**Ingredient Source:** Synthetic**Technical/Other Names:**

macrogol (INN)
 Polyethylene Glycol (2000)
 Polyoxyethylene (40)

Trade Names:

Pluracol E 2000 (BASF)
 Polyglykol 2000 (Clariant)
 Polyglykol 2000 (Clariant GmbH, Personal Care)

PEG-33**CTFA Monograph ID:** 17410**Definition:** PEG-33 is the polymer of ethylene oxide that conforms generally to the formula:

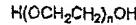
where n has an average value of 33.

Chemical Classes: Alkoxylated Alcohols; Polymeric Ethers**Functions:** Binder; Humectant; Solvent**Ingredient Source:** Synthetic**Technical/Other Names:**

Polyethylene Glycol (33)
 Polyoxyethylene (33)

Trade Name Mixtures:

SilSense Copolyol-1 Silicone (Noveon)
 SilSense Copolyol-7 Silicone (Noveon)

PEG-45**CTFA Monograph ID:** 11904**CAS No.:** 25322-68-3 (Generic)**Definition:** PEG-45 is the polymer of ethylene oxide that conforms generally to the formula:

where n has an average value of 45.

Information Source: INN**Chemical Classes:** Alkoxylated Alcohols; Polymeric Ethers**Functions:** Binder; Humectant; Solvent**Ingredient Source:** Synthetic**Technical/Other Names:**

macrogol (INN)
 Polyethylene Glycol (45)
 Polyoxyethylene (45)

Trade Name:
Toho PEG#2000 (Toho)**PEG-40****CTFA Monograph ID:** 1955**CAS No.:** 25322-68-3 (Generic)**JPN Translation:**
PEG - 40**PEG-55****CTFA Monograph ID:** 7532

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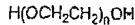
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CAS No.: 25322-68-3 (Generic)

CN Translation:
聚乙二醇-55

Definition: PEG-55 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 55.

Information Sources: BAN, INN, JAN, NF XVIII, USAN

Chemical Classes: Alkoxylated Alcohols; Polymeric Ethers

Functions: Binder; Humectant; Solvent

Ingredient Source: Synthetic

Technical/Other Names:

macrogol (INN)

Polyethylene Glycol (55)

Polyoxyethylene (55)

Trade Names:

Jeschem 3350 NF (Jellice Co. LTD)

Renex PEG 3350 (Uniqema Americas)

PEG-60

CTFA Monograph ID: 5425

CAS No.: 25322-68-3 (Generic)

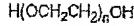
JPN Translation:

PEG - 6 0

CN Translation:

聚乙二醇-60

Definition: PEG-60 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 60.

Information Sources: BAN, INN, JAN, NF XVIII, USAN

Chemical Classes: Alkoxylated Alcohols; Polymeric Ethers

Functions: Binder; Humectant; Solvent

Ingredient Source: Synthetic

Technical/Other Names:

macrogol (INN)

Polyethylene Glycol 3000

Polyoxyethylene (60)

Trade Names:

Polyglykol 3000 (Clariant)

Polyglykol 3000 (Clariant GmbH, Personal Care)

PEG-75

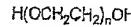
CTFA Monograph ID: 1957

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CAS No.: 25322-68-3 (Generic)

JPN Translation:
PEG - 7 5

Definition: PEG-75 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 75.

Information Sources: BAN, BP, BPC, BRA, 21CFR172.210, 21CFR172.770, 21CFR172.820, 21CFR173.310, 21CFR173.340, 21CFR175.105, 21CFR175.300, 21CFR178.3750, 21CFR178.3910, CIR: [SQ] JACT-12(5)-1993, CTFA S, FCC, HUN, INN, JAN, JCLS, JSCI, MAR, MI-13(7651), NF XVIII, NFJ, PN, POL, ROM, TSCA, USAN, USD

Chemical Classes: Alkoxylated Alcohols; Polymeric Ethers

Functions: Binder; Humectant; Solvent

Ingredient Source: Synthetic

Reported Product Categories: Skin Care Preparations, Misc.; Paste Masks (Mud Packs); Bath Oils, Tablets, and Salts; Cleansing Products (Cold Creams, Cleansing Lotions, Liquids and Pads); Moisturizing Preparations

Technical/Other Names:

macrogol (INN)

Polyethylene Glycol 4000

Polyoxyethylene (75)

Trade Names:

Carbowax PEG 3350 (Dow Chemical)

Lipoxol 3350 MED (Sasol GmbH - Marl)

Lumulse PEG 3350 (Lambent)

Pluracare E 3400 (BASF)

Pluracol E 4000 (BASF)

Polyglykol 3350 (Clariant)

Polyglykol 3350 (Clariant GmbH, Personal Care)

Protachem 75 (Protameen)

Renex PEG 4000 (Uniqema Americas)

Sabopeg 4000 (Sabo)

Sympatens-PEG/4000 G (Kolb)

Uipiawax 3350 (Universal Preserv-A-Chem)

Trade Name Mixture:

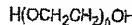
Suncaps C (Particle Sciences)

PEG-80

CTFA Monograph ID: 16469

CAS No.: 25322-68-3 (Generic)

Definition: PEG-80 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 80.

Information Source: INN

Chemical Classes: Alkoxylated Alcohols; Polymeric Ethers

Functions: Binder; Humectant; Solvent

Ingredient Source: Synthetic

Technical/Other Names:

macrogol (INN)

Polyethylene Glycol (80)

Polyethylene Glycol 4000

Polyoxyethylene (80)

Trade Name:
Protachem 400 (Protameen)

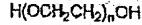
PEG-90

CTFA Monograph ID: 6966

CAS No.: 25322-68-3

JPN Translation:
PEG - 9 0CN Translation:
聚乙二醇-90

Definition: PEG-90 is the polymer of ethylene oxide that conforms to the formula:



where n has an average value of 90.

Information Sources: BAN, INN, JAN, NF XVIII, USAN

Chemical Classes: Alkoxylated Alcohols; Polymeric Ethers

Functions: Binder; Humectant; Solvent

Ingredient Source: Synthetic

Technical/Other Names:

macrogol (INN)

Polyethylene Glycol (90)

Polyoxyethylene (90)

Trade Names:

Lipoxol 4000 MED (Sasol GmbH - Marl)

Macrogol 4000 (NOF)

Pluracare E 4000 (BASF)

Polyglykol E-4000 (Dow Chemical)

Polyglykol 4000 (Clariant)

Polyglykol 4000 (Clariant GmbH, Personal Care)

Toho PEG #4000 (Toho)

Unipeg-4000 X (Universal Preserv-A-Chem)

PEG-100

CTFA Monograph ID: 4098

CAS No.: 25322-68-3 (Generic)

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